Application No.: 09/680,277

Art Unit 2871

Attorney Docket No. 2658-0242P Amendment filed on July 5, 2002

Page 2

## *In the Claims:*

## Please amend the claims as follows:

1. (Amended) A back light unit in a liquid crystal display, comprising:

a light guide; and

a light input for directing a light path of a light beam to the rear side thereof and away from the light guide prior to directing said light path to a front side thereof and toward the light guide to obtain high focusing of the light beam,

wherein all portions of the light guide are installed at a height different from a height of the light input.

- 2. (Amended) The backlight unit according to claim 1, wherein said light guide allows the light beam from the light input to progress in the vertical direction of a liquid crystal panel.
- 3. (Amended) The backlight unit according to claim 2, wherein the light input includes:
  - a lamp for generating the light beam; and
- a lamp housing having a reflective plate provided at an inner side thereof to direct a light path of the light beam generated from the lamp into the rear side thereof before directing the light beam toward the light guide.

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Application No.: 09/680,277

Art Unit 2871

Attorney Docket No. 2658-0242P Amendment filed on July 5, 2002

Page 3

7. (Amended) The light unit according to claim 3, wherein the lamp housing includes at least one reflective plate for cutting off the light beam progressing directly from the lamp into the light-guide plate, the at least one reflective plate being protruded from the inner surface of the lamp housing.

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8. (Amended) The light unit according to claim 3, wherein the light-guide plate includes a plurality of unit patterns formed on one side thereof in parallel with the lamp, the plurality of unit patterns allowing the light beam from the lamp housing to be progressed perpendicularly into the liquid crystal panel.



10. (Amended) The light united according to claim 9, wherein an angle between the one surface of the light-guide plate and the land is about 9° to 12°, an angle between the one surface of the light-guide plate and the groove is about 35° to 45°, wherein the groove has a height of about 3 to 5 times relative to the land, and the unit pattern is about 100 to 400 um in width.



13. (Amended) The light unit according to claim 11, wherein,
the light-guide plate is disposed at the rear side of a transmissive liquid
crystal panel, and

Application No.: 09/680,277

Art Unit 2871

Attorney Docket No. 2658-0242P Amendment filed on July 5, 2002

Page 4

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the lamp housing directs the light beam from the lamp to the incident side of the light-guide plate disposed at the rear side of the transmissive liquid crystal panel.

15. (Amended) The light unit according to claim 14, wherein the light-guide plate includes a plurality of prism patterns arranged on another surface thereof in intersection with the unit patterns.

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16. (Amended) The light unit according to claim 8, wherein

the light-guide plate is disposed at the front side of a transmissive liquid crystal panel and

the lamp housing directs the light beam from the lamp to the incident side of the light-guide plate disposed at the front side of the transmissive liquid panel.

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18. (Amended) The light unit according to claim 8, wherein a distance between the unit patterns get gradually shorter as said unit patterns get further away from the incident side of the light-guide plate.